

WiFi Smart Drip Irrigation

Up to 10 pots, max 15 metres

Code 559593200

be smart, be wireless

User manual

The multilingual version of this manual is available at www.melchioni-ready.com

Thank you for choosing IRRADIO!

Specifications

Power supply: DC 5V/2A, Type-C USB
Built-in battery: 18650 rechargeable battery
Standby current: 135uA
Wireless standard: IEEE 802.11b/g/n/ax
Wireless frequency: 2.4GHz
Wireless distance: 45M
Bluetooth version: Bluetooth 5.0
Waterproof grade: IP66
Operating temperature: 0 ~ 60 °C (14 °F ~ 140 °F)
Operating humidity: 1% ~ 95% RH (non-condensing)
Size: 71mm(L) X 48mm(W) X 90mm(H)

Product Configuration

1. Structure Description

2. Packing details

LED Status

Indicator and corresponding device status

Device Status	LED State
Waiting to be matched	The red indicator light flashes once a second
Reset	Long press the reset button for 6 seconds, long press when the indicator light is always on, light off reset successful
Charging Status	Red indicator light flashes sequentially
Fully charged status	Red indicator light is always on

Installation

1. Installation steps

(1) Connect the transparent hose to the water inlet and outlet of the host, and connect the filter head to the water inlet of the equipment.

(3) Installation is completed as shown below, and then according to the instructions of the equipment network to add APP can be used!

Note: Before the network, long press the reset button until the indicator light is always on for 5 seconds to start the machine.

Suggestion: The position of water inlet should be lower than the position of water outlet.

2. Installation Precautions

(1) When installing, note that the water outlet is higher than the water inlet.

(2) Pay attention to the direction of water inlet/outlet during installation and connect the filter head to the water inlet;

(3) In order to ensure the best drip irrigation effect, it is recommended that the maximum length of the water pipe does not exceed 15 meters and the number of connected sprinkler heads does not exceed 10, beyond which the water flow and water pressure may be affected;

(4) Avoid excessive bending or twisting of pipes when

installing water pipes, make sure the pipes are connected tightly, and all the connections of pipes and sprinkler heads should be ensured to be sealed tightly to avoid water leakage and poor water flow;

(5) Installation should avoid vibration and shaking environment and application.

3. Charging instructions

Use Type-C USB interface for charging, the power supply is recommended to be 5V 2A; when charging, the indicator light is red and flashing sequentially, when the indicator light is always on, it means that charging is complete.

Get Started

App Installation

WORKS WITH amazon alexa Hey Google

Register and Login

(1) Run "Hom-io" application from your smartphone.

(2) Register and login

Add Device

By default, the device is in WiFi pairing mode (indicator light blinks); If indicator lights are not on, please press the reset button and keep 6 seconds then configure device to app.

1. Select the right device type to configure

Note: All Wi-Fi products can be added with any Wi-Fi option, and the device only supports 2.4GHz Wi-Fi signals.

(1) Smart Wi-Fi Pairing Mode

Press the reset button until the device flashes quickly and add (follow the APP tips)

(2) AP compatible Pairing Mode

Press the reset button until the device flashes slowly and add (follow the APP tips)

2. Bluetooth Pairing (suggested)

Method 1: Active Bluetooth in Mobile phone to add the device through Bluetooth mode (the standby mode)

Method 2: After activating Bluetooth, enter the APP interface, the device will be automatically searched by Bluetooth, and then click "Add"

Functions and Settings

Main functions, working status and record Settings

APP main interface

Main functions

1. Watering on/off Switch

(1) Immediate watering

(2) Countdown watering

max. 600s

2. Timed watering

3. Watering records

(1) Equipment record

(2) APP record

Enter the message center, you can check the history alarm record of the added equipment.

4. Function Setting

(1) Electricity display

(2) Child lock

Local key switch is not supported after opening child lock

5. Water shortage alarm

When the water storage device has insufficient water, it will set off a water shortage alarm

Other Function

1. Scene linkage

Example: when the temperature and humidity detects that the humidity is lower than 50%, linkage opens watering, countdown 5 minutes)

Note: the device supports LAN linkage; two or more devices under the same gateway set up linkage, when the gateway is disconnected from the network, the linkage will continue to be executed.

2. Other settings

(1) Congestion alarm

When a blockage alarm is triggered, please check if the water outlet of the device is blocked

(2) Low battery alarm

(3) Water shortage alarm

(4) Open/close the valve

3. Shared devices

4. Clear records

Delete the device through APP, add the device again, you can clear all the records of the device and restore the default settings.

Due to the app update, the above interface is for reference only

FAQ

1. How to deal with the device showing "water shortage alarm"?

A: When the APP interface prompts "water shortage alarm", please check whether there is enough water in the water storage device, add enough water, and then turn on watering again, the alarm will be lifted automatically.

2. What should I do when I see "Clogging Alarm" in APP message center?

A: Please check whether there is any visible foreign matter or scale accumulation at the water outlet of the equipment. If you find any blockage, please wipe it gently along the direction of water outlet, after cleaning up, carry out watering function through APP and observe whether the water flow is restored.

3. What is the reason that the water dripping is too slow or no water comes out when the device is working?

A: Reason 1: Check whether the drip head is clogged, try to flush with water or unclog it with a fine needle.

Reason 2: Check whether the hose is bent or not

4. Can the length of the hose be cut? What is the maximum length of the hose?

A: The hose can be cut to suit the location of potted plants, but the maximum recommended length of drip irrigation is 15 meters, and no more than 10 connected sprinkler heads, too long may lead to insufficient water pressure to affect the watering efficiency.

5. How to install the drip irrigation head correctly? Does it need to be aimed at plant roots?

A: It is recommended to insert the drip head into the soil of potted plants about 5-10cm away from the plant roots to avoid direct contact with the roots leading to water accumulation. Make sure the drip irrigation head is tightly connected to the water pipe when installing.

Product compliance

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, manufacturer Melchioni S.p.A. declares that the radio equipment type Smart indoor irrigation kit, Mod. IR-RIP (code 559593200) is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.melchioni.com

According to Directive 2012/19/EU of the European Parliament and of the Council, of 4 July 2012, on waste electrical and electronic equipment (WEEE), the presence of the crossed-out bin symbol indicates that this appliance is not to be considered as urban waste: its disposal must therefore be carried out by separate collection. Disposal in a non-separate manner may constitute a potential harm to the environment and health. This product can be returned to the distributor when purchasing a new device. Improper disposal of the appliance constitutes misconduct and is subject to sanctions by the Public Security Authority. For further information, contact the local administration responsible for environmental matters.

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Melchioni S.p.A.
Via Colletta, 37 - 20135 Milano | www.melchioni-ready.com